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**(54) CARBON NANO-TUBE
COMPOSITE MOLDED
OBJECT AND METHOD
FOR MANUFACTURING
THE SAME**

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a carbon nano-tube composite molded object capable of developing excellent anisotropic function not obtained heretofore with respect to properties such as electrical properties, thermal properties mechanical properties or the like, and a method for manufacturing the same.

SOLUTION: The carbon nano-tube composite molded object 5 is molded in such a state that carbon nano-tubes 6 are arranged in a matrix in a definite direction to be compounded

with the matrix. As the matrix, at least one kind of an organic polymer selected from a thermoplastic resin, a curable resin, rubber and a thermoplastic elastomer is preferable. The composite molded object 5 is manufactured by injecting a composition, wherein the carbon nano-tubes 6 are contained in the matrix, in the molding recessed part of a mold and applying a magnetic field to the composition in a definite direction by a magnet to arrange the carbon nano-tubes 6 in the definite direction to solidify the composition.

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